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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-30 (canceled).

Claim 31 (previously presented): An *in vitro* immunoassay method for diagnosing human colonic type gastric intestinal metaplasia which comprises the steps of:

- (a) contacting a gastric tissue sample of a subject suspected of having human colonic type gastric intestinal metaplasia cells with a monoclonal antibody DAS-1, or a fragment thereof, wherein the monoclonal antibody is produced by a hybridoma deposited under ATCC accession number HB 9397 and reacts with a human gastric intestinal metaplasia antigen, wherein the antigen is a colon epithelial specific protein and wherein the gastric tissue sample is not a gastric cardia; and
- (b) detecting immunoreactivity between the gastric tissue sample and the monoclonal antibody, such immunoreactivity indicating a positive diagnosis of human colonic type gastric intestinal metaplasia.

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